

ESD Blister Box

◆ Product Description

ESD Blister Trays are specialized electrostatic protection packaging materials for the electronic manufacturing industry. By adding permanent antistatic agents to the blister base material, they can effectively dissipate surface static electricity, preventing electrostatic breakdown and dust adsorption from causing damage to sensitive electronic components.



- Electrostatic Protection Precision-Oriented
- Concretized Scenario Adaptation
- Equal Emphasis on Compliance and Environmental Protection
- Balance Between Cost and Practicality
- Professional and Consistent Terminology

◆ Product Structure

● Antistatic Blister Trays are manufactured via a one-piece blister molding process using environmentally friendly materials such as PS, PP, PET, and PVC. Their physical structure includes customized cavities, rounded edges, and sealed, stackable, anti-slip designs. Optional auxiliary structures like access notches and ventilation holes are available. Overall, the trays are lightweight, wear-resistant, and reusable.

◆ Typical Applications

● As a core electrostatic protection medium in the electronic manufacturing industry, Antistatic Blister Trays, with graded antistatic performance and customized snug-fit design, are widely applicable across scenarios including high-frequency turnover in electronic component production workshops, warehousing and storage of semiconductors and IC chips, long-distance transportation of automotive electronics and medical electronics, bulk shipment packaging, and explosion-proof scenarios with high electrostatic risk. Leveraging structural advantages such as sealing, stackability, and lightweight design, they balance electrostatic protection and physical cushioning, effectively reducing product damage rates while improving warehousing, transportation, and sorting efficiency. They cover the entire lifecycle needs of the electronic industry chain from production to delivery.

◆ Typical Product Data and Physical Properties

Material: PS/PP/PET/PVC
 Color: Black
 Thickness: 1.5/2.0 mm
 Temperature Resistance Range: -40°C to 60°C
 Tensile Strength: ≥25 MPa
 Elongation at Break: , ≥80%
 Impact Strength: ≥20 kJ/m²
 Antistatic Resistance: 10³-10 Ω

Availability:

Item#	Material	Cavity	Thickness	Size	Weight
1.2.15.03.0045	黑色PP料	10格	2.0MM	587*487*67MM	0.15kg
1.2.15.03.0046	黑色PP料	18格	1.5MM	680*500*30MM	0.15kg
1.2.15.03.0047	黑色PP料	12格	1.5MM	680*500*30MM	0.15kg
1.2.15.03.0048	黑色PP料	15格	1.5MM	500*300*30MM	0.15kg

◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data is for reference purposes only.

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